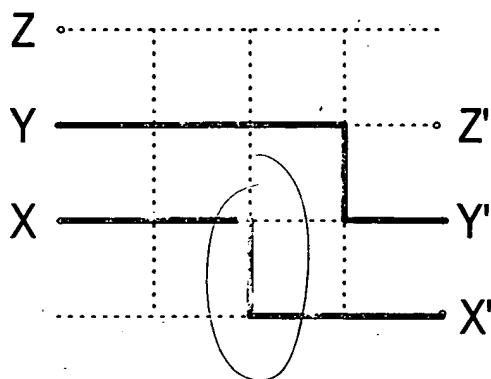
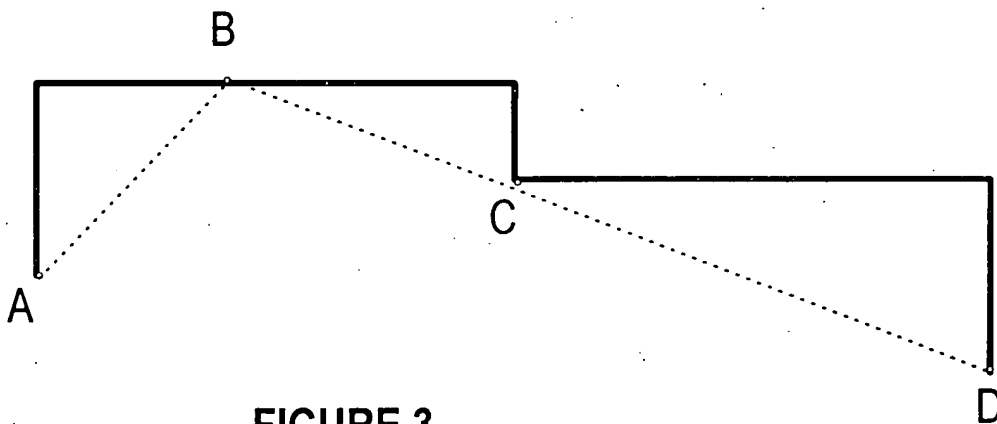


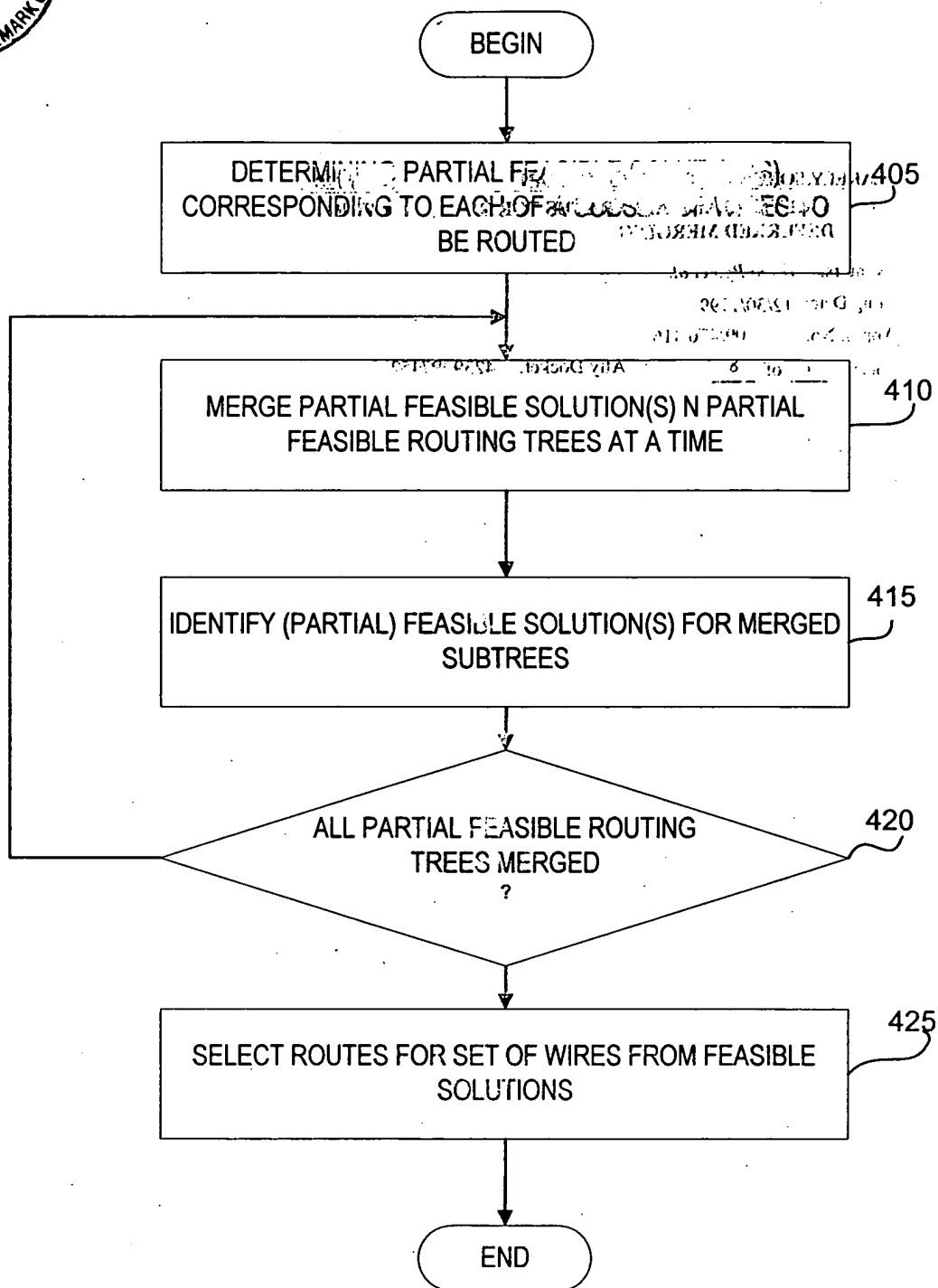
**FIGURE 1**  
(Prior Art)



**FIGURE 2**  
(Prior Art)



**FIGURE 3**  
(Prior Art)



**FIGURE 4**

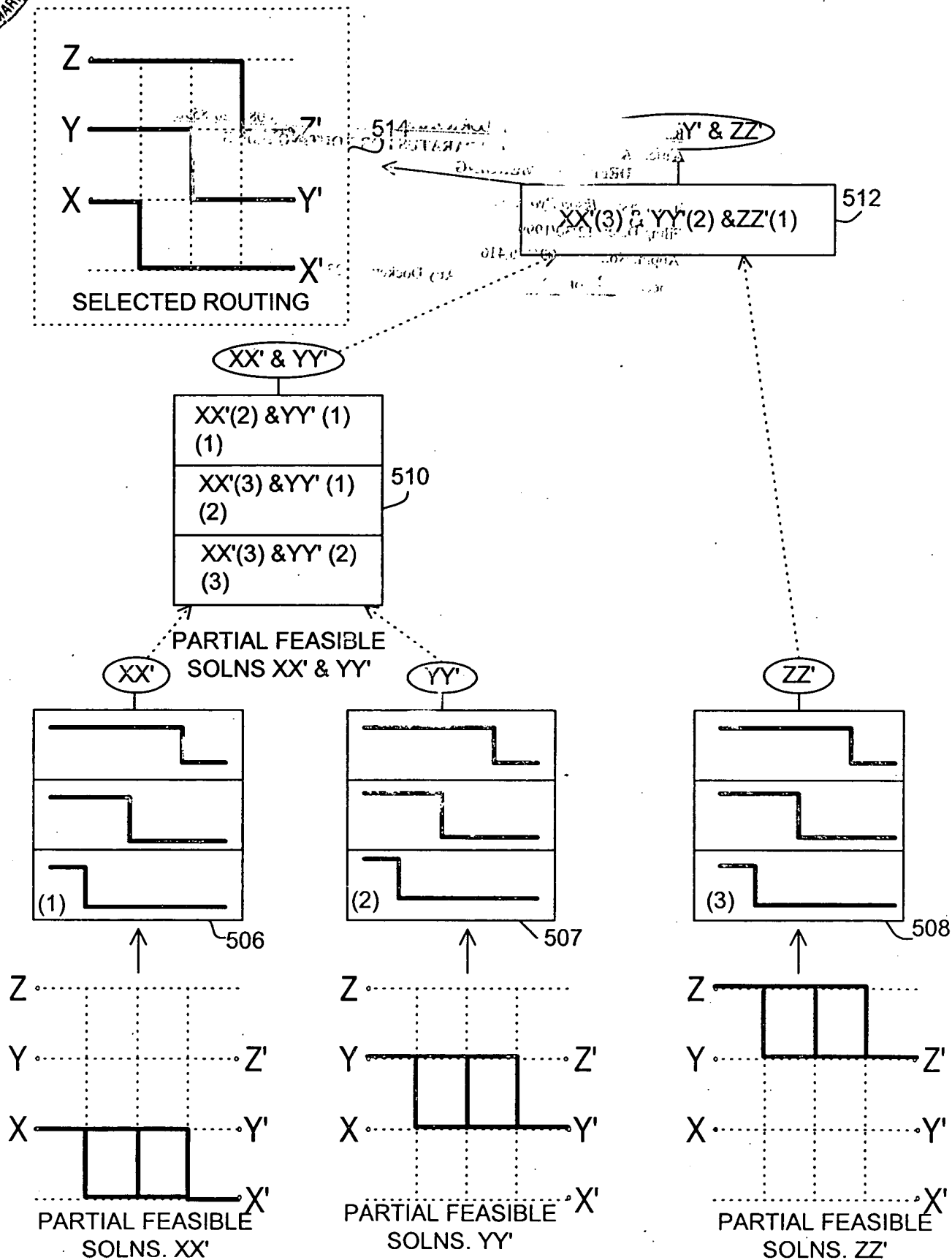


FIGURE 5

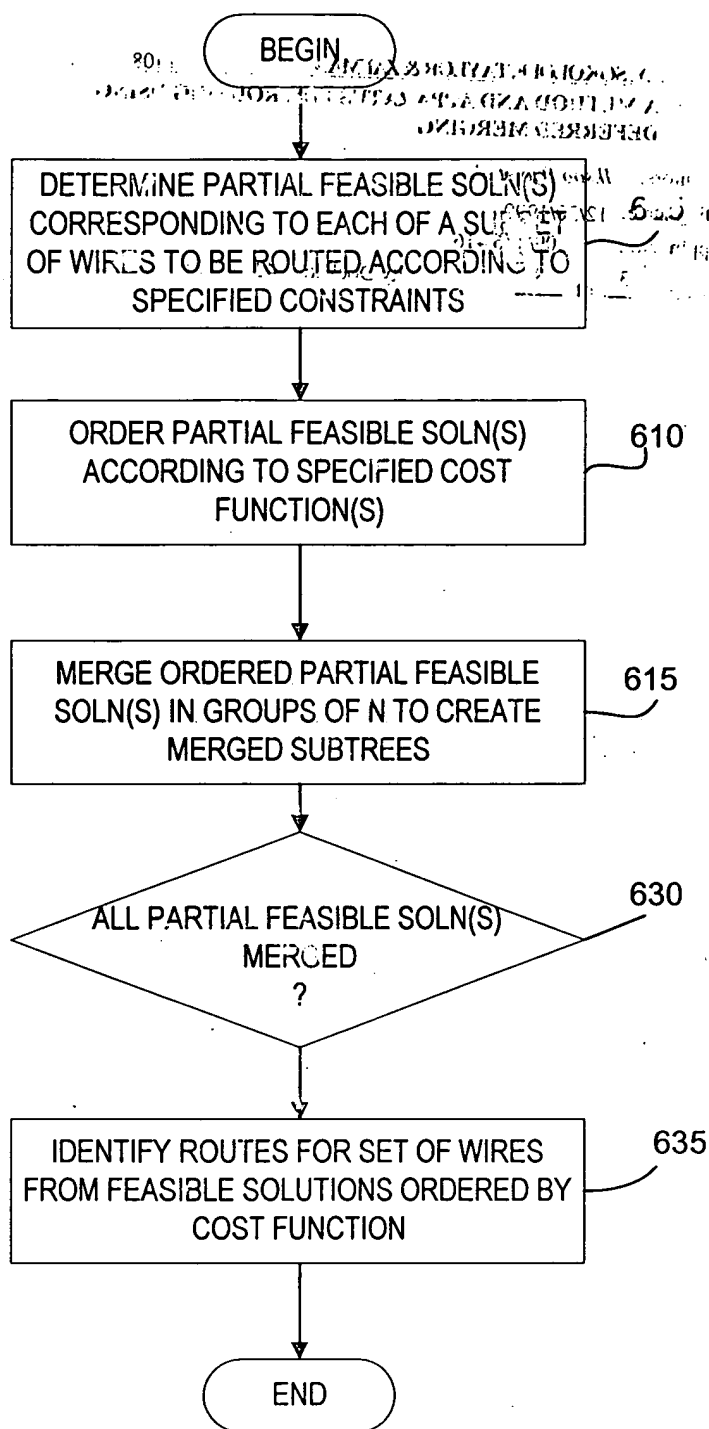
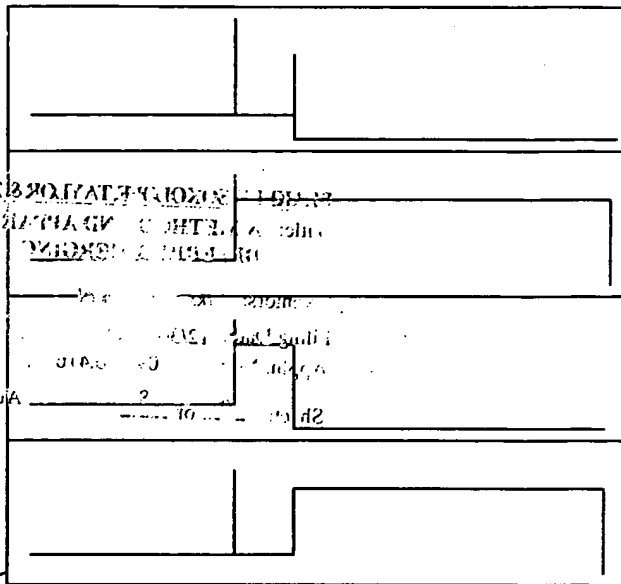
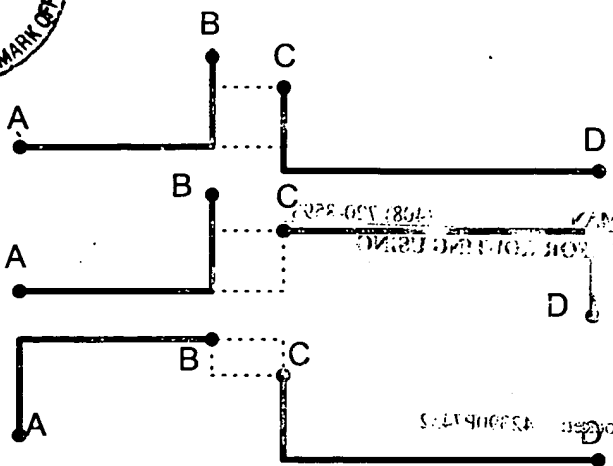


FIGURE 6

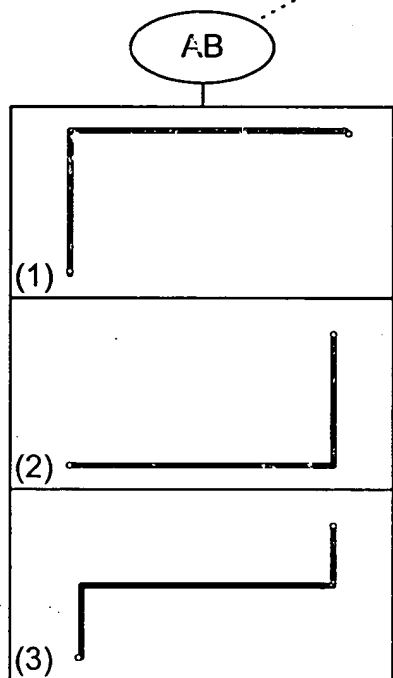


725

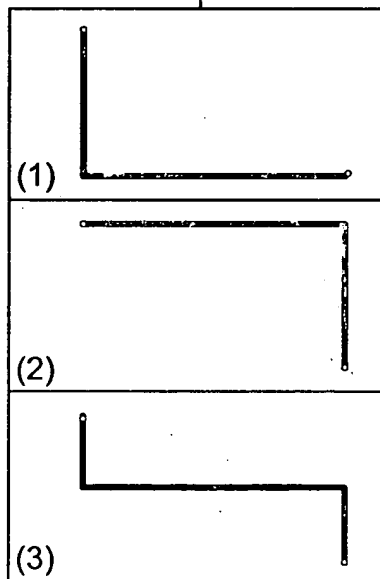
730

FEASIBLE SOLNS ABCD

# SOLNS = 2  
HEAP DEPTH = 4  
SORTED BY:  
1) WIRE LENGTH  
2) SOURCE TO SINK DELAY



LOWEST COST SOLUTION



# SOLNS = 3  
HEAP DEPTH = 3  
SORTED BY:  
1) WIRE LENGTH  
2) SOURCE TO SINK DELAY

PARTIAL FEASIBLE SOLNS. AB

PARTIAL FEASIBLE SOLNS. CD

FIGURE 7

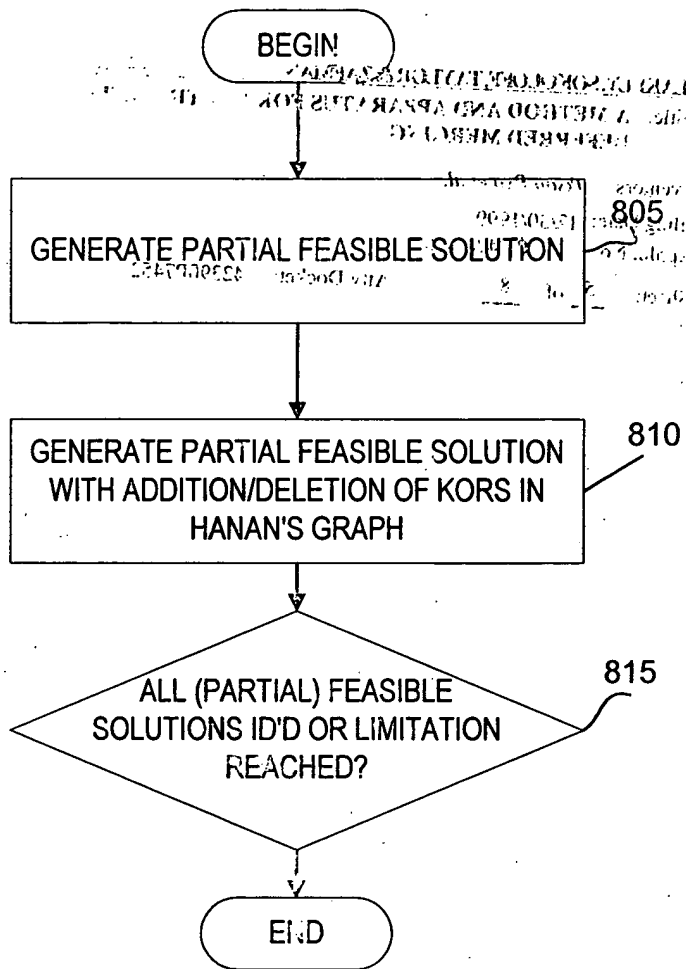


FIGURE 8

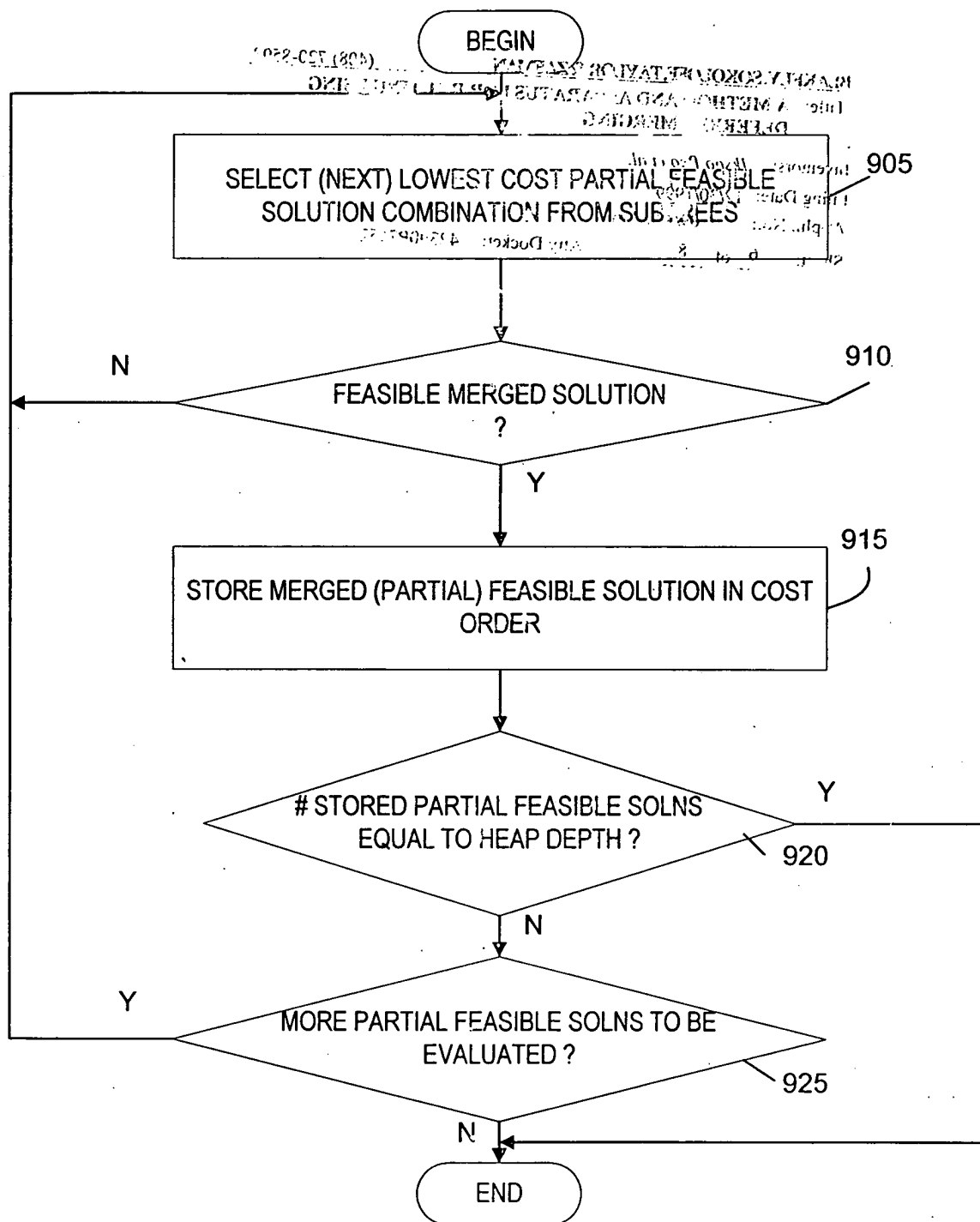


FIGURE 9

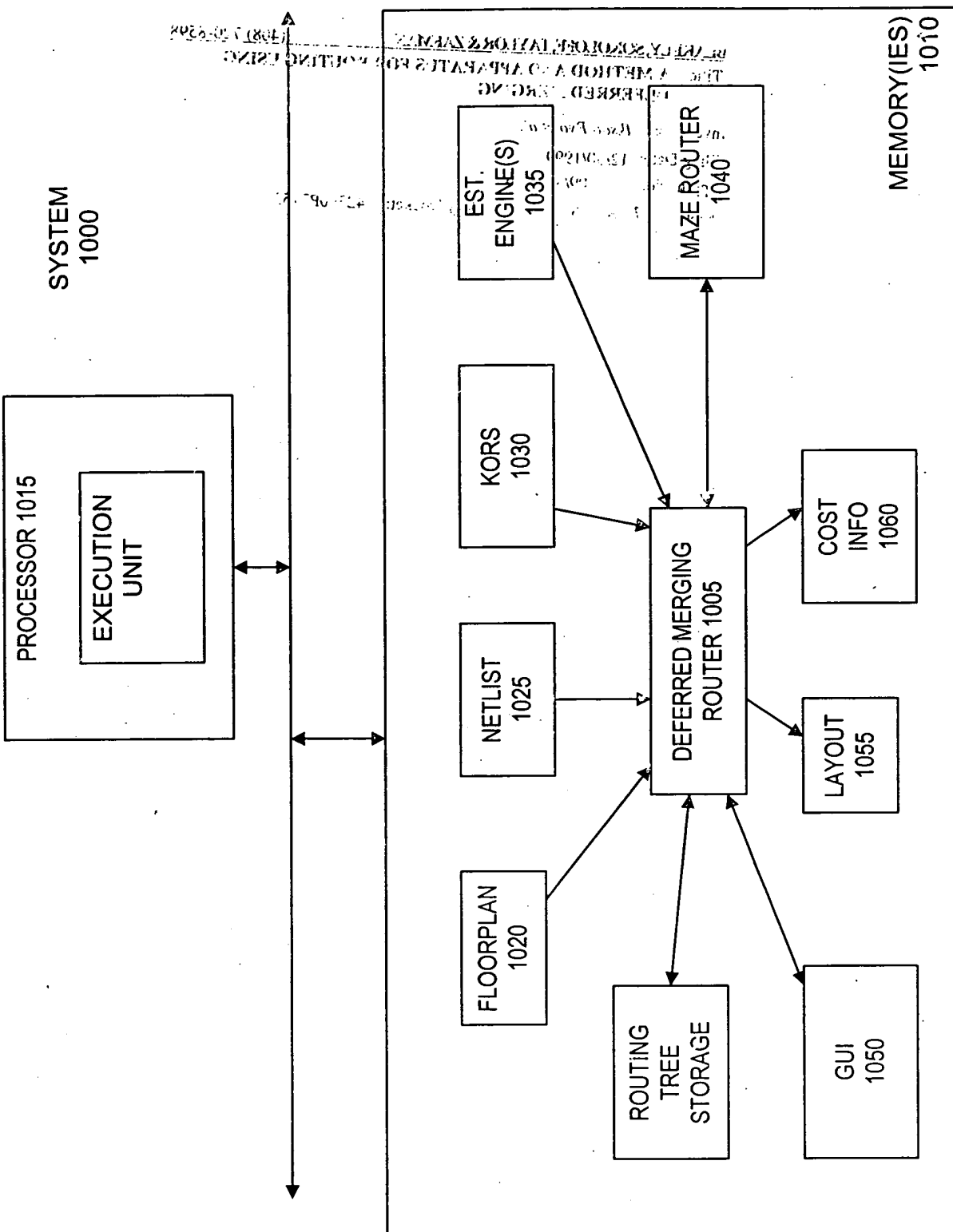


FIGURE 10